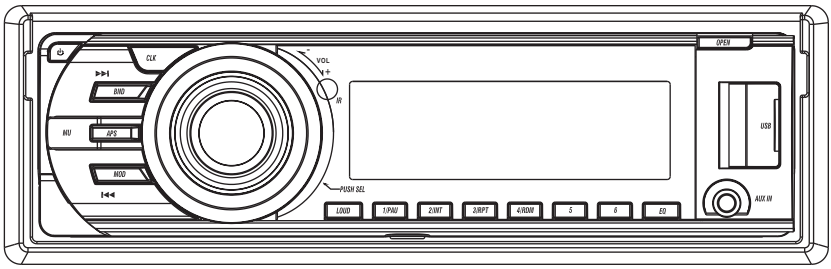
PREMIER®

USER MANUAL

CAR MULTI-MEDIA SYSTEM

SCR-4328DUSD



DEAR CUSTOMER

In order to achieve the best performance of your product, please read this instruction manual carefully before using, and keep it for future reference. If you need extra support, please write to info@premiermundo.com

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NOTE

This unit may be submitted to changes in specifications, characteristics and/or operation without prior notice to the user, in order to continue improving and developing its technology.

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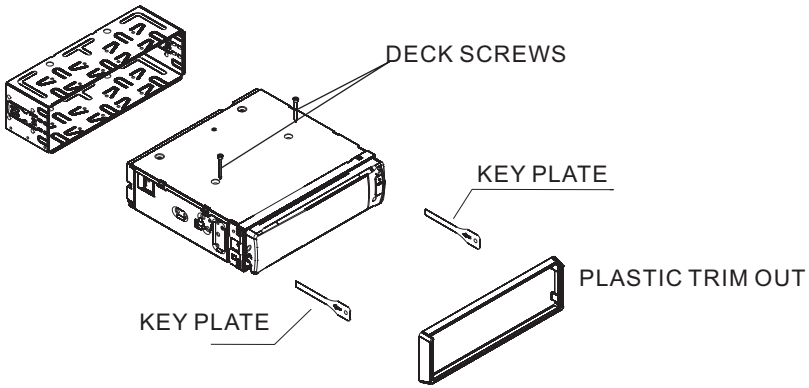
1. INSTALLATION STEPS

1. Remove the 2 deck screws as the following figure;



If you want to remove chassis from Slide Bracket Housing , first remove Plastic trim out at both sides, then insert 2 Key Plates into left and right side of chassis as above illustration.

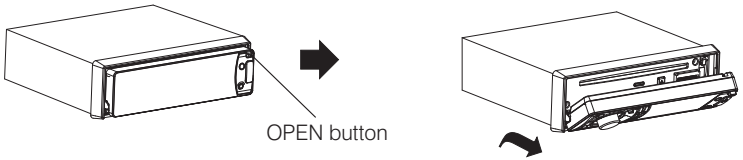
2. Remove the chassis from Slide Bracket Housing as the above figure ;

3. Mount the Sliding Bracket Housing in the position of car multi-media system and bend some tabs of Sliding Bracket Housing to fix it.

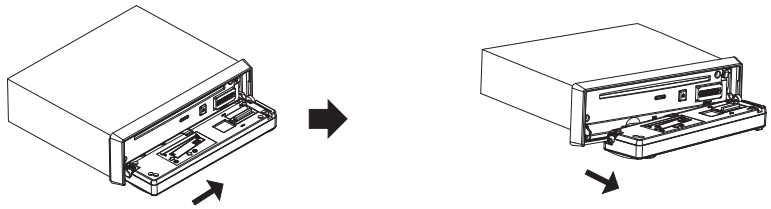
4. Connecting all wires:

1) Remove control panel from chassis as follows:

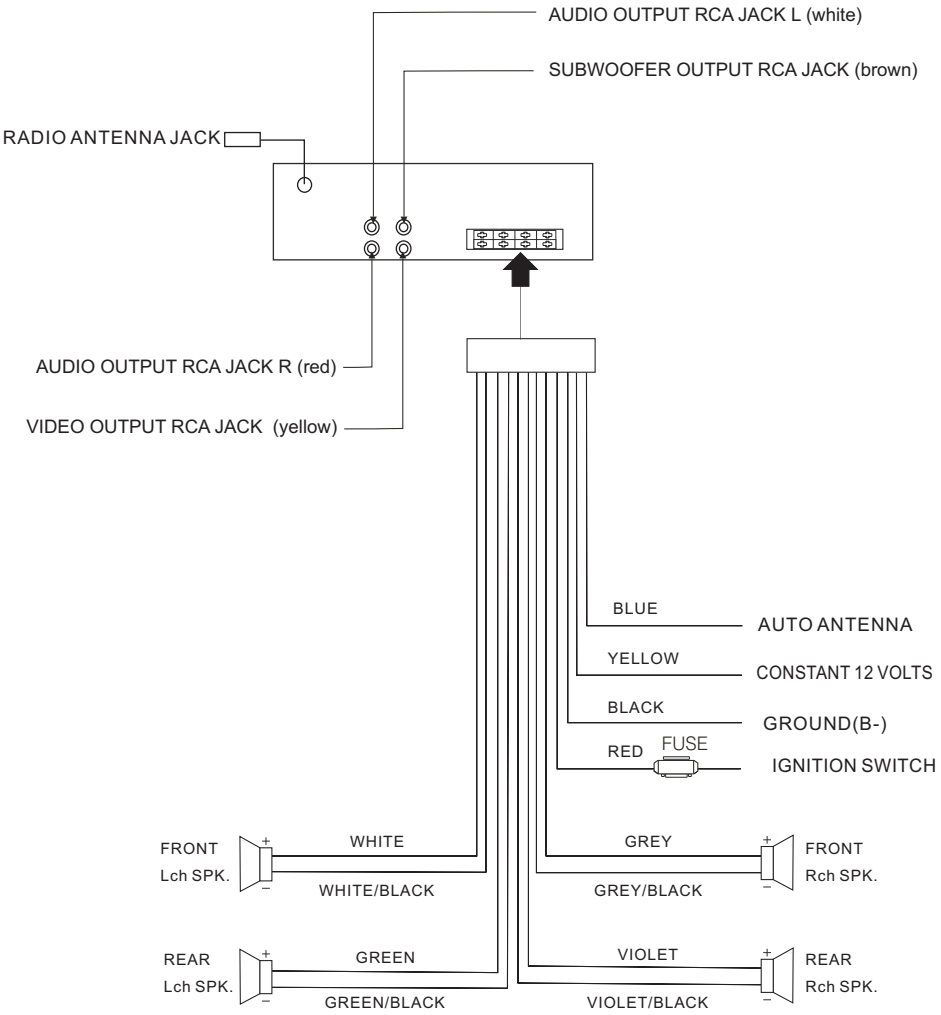
A. Press OPEN button to flip down control panel .



B. Slide control panel rightwards a little, and pull it towards you .



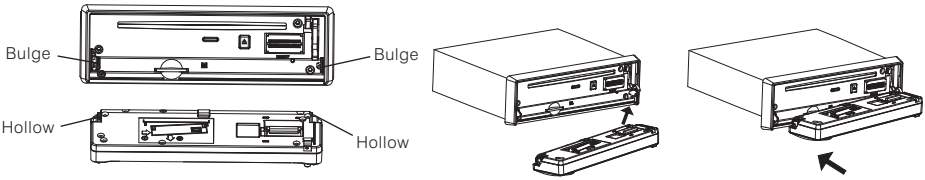
2) Connecting all wires as bellows:



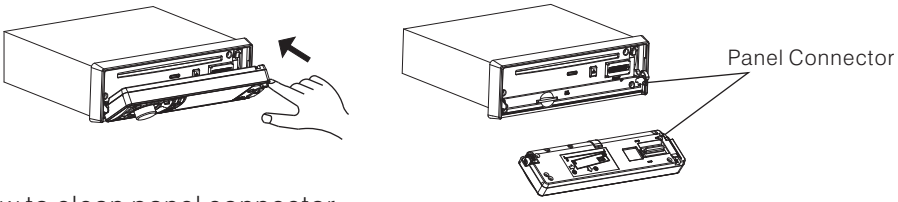
NOTE:
1. Must use 4 ohms impedance of speakers.
2. Before finishing wiring, do not attach control panel onto chassis.
3. Maximum current of auto antenna is 200mA.

3) Attach control panel onto chassis.

A. Make the right hollow of control panel aim at the right bulge of chassis, then push and hold control panel rightwards; at one time, move the left end of control panel towards chassis to make the left hollow of control panel aim at the left bulge of chassis and then release holding .



B. Flip control panel up till hearing a click sound to attach onto chassis.



* How to clean panel connector

Frequent detachment will deteriorate panel connectors. To minimize deterioration, periodically wipe the panel connectors with a clean/soft/dry cloth .

4) Testing it for making sure that it can work properly .

5. Installing chassis according to the installation diagram on next page:

1) Insert the chassis of the car multi-media system into the Sliding Bracket Housing.

2) Use the metal strap to fix the rear part of chassis.

* Uninstalling the chassis:

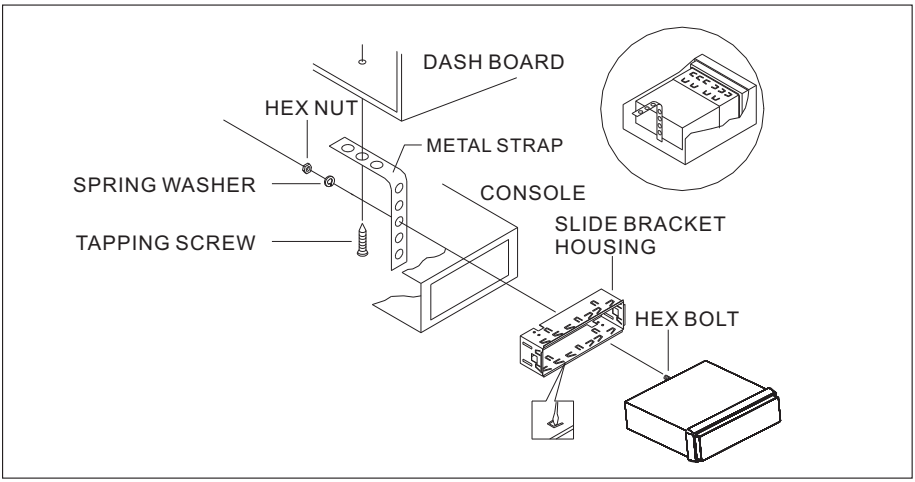
1) Remove the metal strap from the chassis ;

2) Remove the control panel from the chassis;

3) Remove the plastic trim from the chassis;

4) Insert 2 key plates into the left and right sides of the chassis and draw the chassis out of the sliding bracket housing.

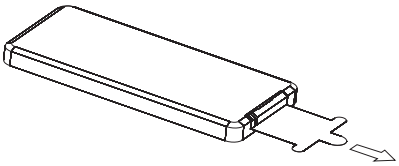
Installation diagram



2. General knowledge about remote control

2.1 Removing insulating sheet

If using remote control for the first time, you can see an insulating sheet at the bottom side of remote control as right.



you must remove the insulating sheet as right. Otherwise, the remote control is disabled.

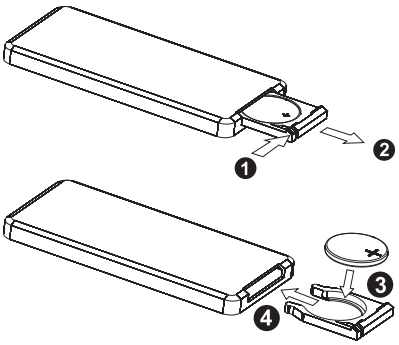
2.2 Replace lithium cell

If the electric energy of lithium cell is weak, replace it.

1. Press and hold the movable block as direction indicated by arrow 1 as right, at one time pull cell holder out of remote control as direction indicated by arrow 2 as right.

2. Replace the old cell by a new one with (+) polarity side upward as right.

3. Insert the cell holder into remote control again as right.



2.3 Note about using remote control

1. You should face the emitting window of remote control towards the sensor window of the unit.

2. Operation angle for front panel: About 30 degree

3. The distance between the emitting window of remote control and the sensor window of the unit : < 5M .

2.4 Warning for lithium cells of remote control

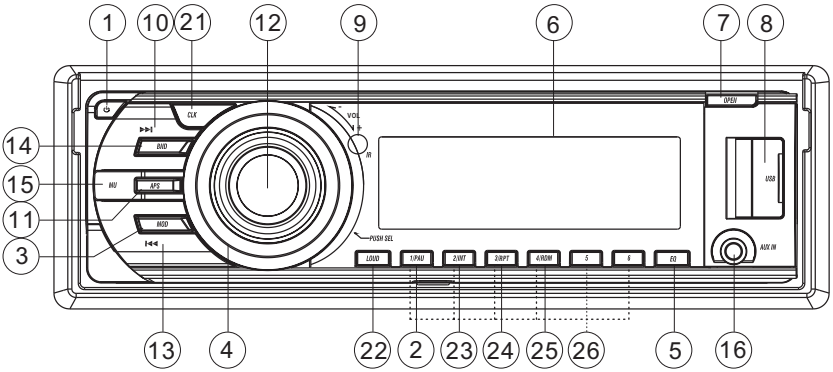
1.Cell leakage may cause damage to remote control.

2.Do not throw cells into fire, it may cause explosion.

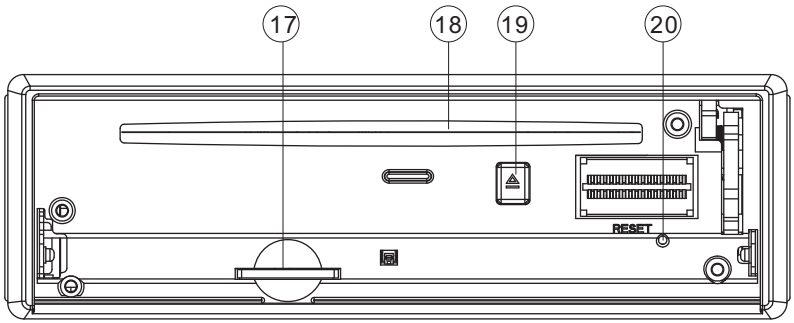
3.To avoid risk of accident, keep cells out of reach of children.

3. Locations and Names of Controls

3.1 Locations and Names of Controls on Main Unit



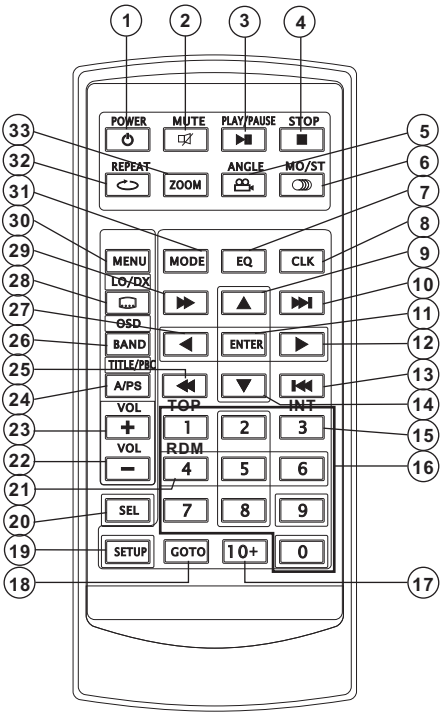
Control Panel



Front Side of Chassis after Removing Control Panel

1. POWER button
2. PLAY/PAUSE(>||) button
3. MODE button
4. VOL knob
5. EQ button
6. LCD screen
7. OPEN button
8. USB port cover
9. IR sensor
10. >>| button
11. APS or TITLE/PBC button
12. SEL button
13. |<< button
14. BAND or OSD button
15. MUTE button
16. AUX IN jack
17. SD/MMC card slot
18. Disc slot
19. EJECT button
20. RESET button
21. CLK button
22. LOUD button
23. INT button
24. REPEAT button
25. RDM button
26. 1-6 buttons

3.2 Locations and Names of Controls on Remote Control



1. POWER BUTTON
2. MUTE BUTTON
3. >|| BUTTON
4. STOP BUTTON
5. ANGLE BUTTON
6. AUDIO or MO/ST BUTTON
7. EQ BUTTON
8. CLK BUTTON
9. ^ BUTTON
10. >>| BUTTON
11. ENTER BUTTON
12. > BUTTON
13. |<< BUTTON
14. v BUTTON
15. INT BUTTON
16. 0~9 BUTTONS
17. 10+ BUTTON
18. GOTO BUTTON
19. SETUP BUTTON
20. SEL BUTTON
21. RDM BUTTON
22. VOL- BUTTON
23. VOL+ BUTTON
24. A/PS or TITLE/PBC BUTTON
25. << BUTTON
26. BAND or OSD BUTTON
27. < BUTTON
28. SUBTITLE or LO/DX BUTTON
29. >> BUTTON
30. MENU BUTTON
31. MODE BUTTON
32. REPEAT BUTTON
33. ZOOM BUTTON

4. Conjunct Operation

1. POWER button
   To turn on or off main unit, press POWER button.

2. VOL knob & VOL+/VOL- buttons
   To adjust volume level, rotate VOL knob on control panel or press or hold VOL+ or VOL- button on remote control.

3. SEL button
   To switch between VOL,BAS,TRE,BAL and FAD, short press SEL button continuously.

   After switching on a desired mode above, rotate VOL knob or press VOL+/VOL- buttons to set it.

   To switch between LOUD ON/OFF, FLAT/JAZZ/CLASSIC/POP/ROCK, DX/LOCAL(in radio mode), STEREO/MONO(in radio mode), BUZZ ON/OFF and EUR FREQ/USA FREQ, long press SEL button to switch on LOUD ON/OFF, then short and repeatedly press SEL button.

   After switching on a desired mode above, rotate VOL knob or press VOL+/VOL- buttons to set it.

4. MUTE button
   To switch on or off MUTE mode, press MUTE button.

5. EQ button
   To select a desired preset EQ mode of JAZZ, CLASSIC, POP, ROCK and FLAT, press EQ button on remote control continuously.

6. LOUD button
   To enhance bass effect immediately, press LOUD button; to cancel LOUD mode, press LOUD button again.

7. CLK button
   To display clock time on LCD, press CLK button .

   To adjust clock time, first long press CLK button to flash HOUR, then rotate VOL knob or press VOL+/VOL- buttons to adjust HOUR; after finishing adjusting HOUR, press CLK button to flash MINUTE, then rotate VOL knob or press VOL+/VOL- buttons to adjust MINUTE; finally press CLK button to confirm it.

8. OPEN button
   To flip down control panel, press OPEN button.

   After flipping down control panel, you can remove control panel from chassis.

9. RESET button
   When LCD display wrongly or some buttons are not available or sound is distorted, press OPEN button to flip down control panel , then remove control panel from chassis and then use the sharp end of a thing to press RESET button to rehabilitate program to zero.

10. MODE button
    To switch work source between RADIO, DISC(after inserting a disc), USB(after inserting a USB storage, CARD(after inserting a card) and AV IN, press MODE button continuously.

5. Radio Operation

1. BAND button
   To switch between FM1,FM2,FM3,AM1 and AM2.

2. |<< & >>| (control panel) or v & ^ (remote control) buttons
   In standby mode or after no manually searching operation for a while, briefly press one of them to automatically search down or up for an available station and listen to it.

   To manually search down or up for a desired station and listen to it, long press one of them to enter MANUAL mode, then briefly press one of them step by step.

3. APS or A/PS button
   To scan for every preset station of FM or MW, short press APS or A/PS button;

   To preset station for every memory bank of FM or MW, long press APS or A/PS button.

4. CH1-6 or 1~6 buttons
   To listen to a preset station, first switch on a desired band, then continuously press CH1-6 button or press one of 1~6 buttons to find it and listen to it.

   To preset current station on a memory bank, long press one of 1~6 buttons.

   To preset a station in a memory bank with CH1-6 button, first press BAND button to select a desired band; then press CH1-6 button to select a desired memory bank; and then use |<< or >>| button to search for a desired station; finally long press CH1-6 button to store the station in the memory bank.

5. ST/MO button
   For FM band, pressing ST/MO button can switch on STEREO or MONO mode.

6. LOC/DX button
   To tune for those local stations, press LOC/DX button to display LOCAL, then tune them again.

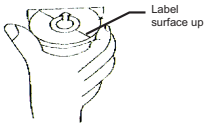
   To tune for those distance stations, press LOC/DX button to display DX , then tune them again.

6. Disc/USB/card operation

6.1 Loading or unloading a disc, USB or card

6.1.1 Loading a disc, USB or card

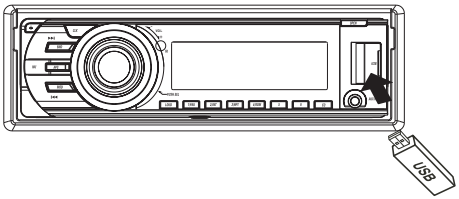
To play files in a disc, press OPEN button to flip down control panel, then insert a disc with label surface up into disc slot, and then attach control panel onto chassis again, by now it will automatically play.



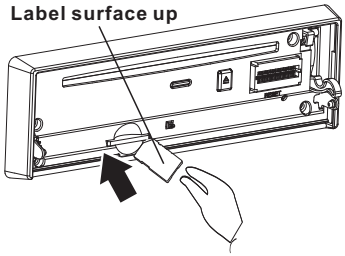
* **CAUTION OF USING DISC**

1) Handle a disc by its edge, do not touch the surface of play side.
2) Before inserting disc, wipe the disc outwards from the disc center with a clean, soft, dry, lint-free cloth. Do not use solvents/thinner such as petrol/benzine, cleaner.
3) After taking a disc out of disc slot, put the disc inside disc case to keep it clean.
4) Do not stick paper or tape on the disc surface of play side. If there is glue (or analog) on the disc surface, must wipe it up before using.

To play files in a USB, firstly open USB port cover, then insert USB storage into USB port, and then it will play files in the USB automatically.



To play files in a card, firstly press OPEN button to flip down control panel and remove it, then insert the card into card slot as bellows, and then attach control panel onto chassis again, by now it will play files in the card automatically .

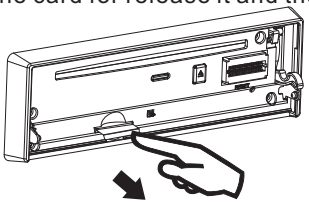


6.1.2 Unloading a disc, USB or card

To unload the disc in disc slot, use STOP button to stop playback and then press OPEN button to flip down control panel and press EJECT button to eject disc and then remove it.

To pull away the USB storage, use STOP button to stop playback, then you can remove the USB storage.

To unload the card in card slot, use STOP button to stop playback, then press OPEN button to flip down control panel and then remove it, and then you can push the card for release it and then pull it out of card slot.



* During MP3/WMA playback, the information of file, folder, title, artist and album will be scrolling on LCD display. As long as the current playing MP3/WMA music contains relevant ID3 tag information in version 1.0/2.0 format, the 3 items underlined above will be scrolling on LCD display; otherwise, they will not.
* There is ESP function for all formats of discs.

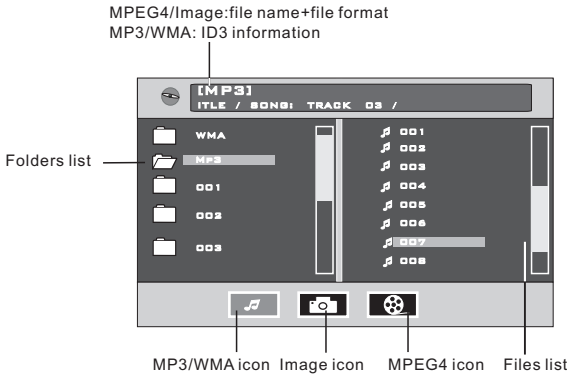
6.2 Function of controls on main unit or remote control

1. >|| button
   During playback, use >|| button to pause playback; in pause mode, use >|| button to resume playback.

2. STOP button
   During Digital Video/VCD/CD/MP3/WMA playback, pressing STOP button can pre-stop or pause playback; in pre-stop or pause mode, use >|| button to resume playback.

   During Digital Video/VCD/CD/MP3/WMA playback, pressing STOP button twice to fully stop playback; in fully stop mode, use >|| button to start playback from the beginning of the first chapter/track.

   During MP4/image playback, use STOP button to display root menu as bellows:



* For MP3/WMA, root menu displays on external monitor screen all the time, it is same as one of MPEG4/Image above.

  When displaying root menu, use < or > button to highlight current file, current folder or current format icon.

  When highlighting current format icon, use < or > button to highlight other format icons and then press ENTER button to enter it.

* If there isn't any files for a format, you can't highlight the format icon.

  When highlighting current folder, use v or ^ button to highlight other folders and then press ENTER button to enter it.

  When highlighting current file, use v or ^button to highlight other files and then press ENTER button to play it.

* For image, after highlighting a file, press ENTER button to display only it; press >|| button to display all files step by step from the highlighted file.

3. |<< & >>| buttons
   During playback, use one of them to play previous or next chapter/track.

   To fast backwards or forwards, also may press and hold |<< or >>| button on control panel.(for image, no this function).

4. number buttons
   During Digital Video/VCD(PBC OFF)/MPEG4/image/CD/MP3/WMA playback, use number buttons to input chapter/track SN. , then it will play or display it.

   For the chapter/track that SN. is bigger than and equal to 10, you can also use 10+ button to input digit on tens place, then use 0~9 buttons to input digit on units order, and then it will play or display it.

   During VCD playback, when it is in PBC ON mode, number buttons are disabled.

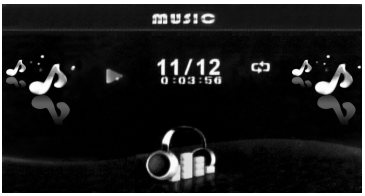
5. MENU buttons
   During Digital Video playback, use MENU button to display current chapter list, then use direction buttons to select your desired chapter and then press ENTER button to play it.

   For VCD, MENU button is disabled, tracks list is displayed on external monitor screen by pressing TITLE/PBC button.

   For MPEG4/image, MENU button is disabled, root menu is displayed on external monitor screen by pressing STOP button. Refer to item of STOP button

   For MP3/WMA, MENU button is disabled, root menu displays on external monitor screen all the time. Root menu of MP3/WMA is same as one of MPEG4/image. Refer to item of STOP button.

For CD, MENU button is disabled, main menu displays on external monitor screen all the time. Main menu displays as bellows:



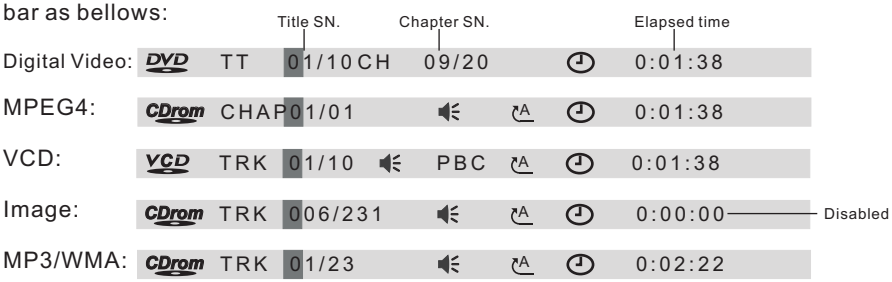
6. TITLE/PBC button
During Digital Video playback, use TITLE/PBC button to display title list, then use direction buttons to select your desired title and then press ENTER button to open the chapter list of the title.

During VCD playback, use TITLE/PBC button to switch on or off PBC mode. When starting to switch on PBC mode, it will play from beginning of media till it displays track list. When displaying track list, use number button to select your desired track to play.

For CD/MP3/WMA/MPEG4/image playback, TITLE/PBC button is disabled.

7. GOTO button
For Digital Video/MPEG4/VCD/image/MP3/WMA, you can use GOTO, <, > , 0~9 and ENTER buttons to select a chapter/track or start playback time to play.

During playback, press GOTO button to display changeable playback information bar as bellows:



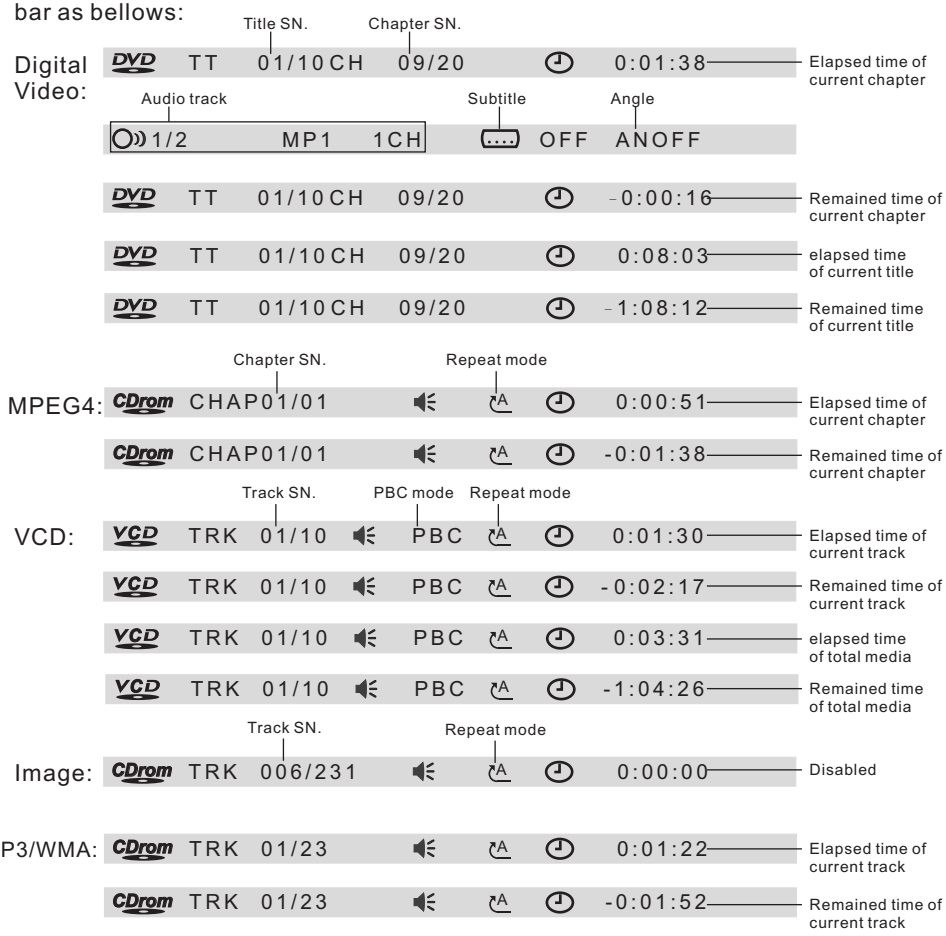
When displaying changeable playback information bar, use < or > button to highlight title SN.(only for Digital Video) , chapter/track SN. or elapsed time of current chapter/track(disabled for image).

When highlighting title SN. or chapter/track SN. , use 0~9 buttons to input desired SN. of title or chapter/track, then press ENTER button to play the selected chapter /track.

When highlighting elapsed time of current chapter/track(disabled for image), use 0~9 buttons to input desired start playback time, then press ENTER button to play from the start playback time.

For CD, GOTO button is disabled.

8. OSD button
During Digital Video/VCD playback, use OSD button to display playback information bar as bellows:



For CD playback, OSD button is disabled.

9. << & >> buttons
During playback, continuously pressing << or >> button can fast backwards or forwards at the following multiple of normal speed: x2, x4, x8, x20, x1.

During fast playback, use >|| button to resume normal playback.

For image files, no this function.

10.RPT and REPEAT buttons
During Digital Video playback, long pressing RPT button on control panel of main unit or briefly pressing REPEAT button on remote control can switch repeat mode between RPT CHP, RPT TITL, RPT ALL and RPT OFF.

During VCD(PBC OFF)/CD playback, long pressing RPT button on control panel of main unit or briefly pressing REPEAT button on remote control switches repeat function between RPT ONE, RPT ALL or RPT OFF.
During MP3/WMA/MPEG4/image playback, long pressing RPT button on control panel of main unit or briefly pressing REPEAT button on remote control switches repeat mode between RPT ONE, RPT FLD, RPT ALL or RPT OFF.
During VCD(PBC ON) playback, RPT and REPEAT buttons are disabled.

11.RDM button
During Digital Video/VCD(PBC OFF)/CD/MP3/WMA playback, long pressing RDM button can switch on or off random mode.

For MPEG4/image/VCD(PBC ON) playback, RDM button is disabled.

12.INT button
During VCD/CD playback, long pressing INT button can switch on or off intro mode.

For Digital Video/MP3/WMA/MPEG4/image, INT button is disabled.

13.ZOOM button
During Digital Video/VCD/MPEG4/image playback, use ZOOM button to switch zoom mode between ZOOMx2, ZOOMx3, ZOOMx4, ZOOMx1/2, ZOOMx1/3, ZOOMx1/4 and ZOOM OFF.

When zooming in video/image, use direction buttons to move video/image upwards, downwards, rightwards or leftwards.

Under no zooming in image, direction buttons can switch on 4 fixed rotated angles between >=90 deg cw, <=90 deg ccw, ^=UP-DOWN and LEFT-RIGHT.

For CD/MP3/WMA, ZOOM button is disabled.

14. AUDIO button
During Digital Video playback, use AUDIO button to switch between audio tracks (depend on the current playing media).

During VCD playback, use AUDIO button to switch on audio channel mode between MONO L, MONO R, MIX MONO and STEREO.

For MPEG4/MP3/WMA/CD/image playback, AUDIO button is disabled.

15.SUBTITLE button
During Digital Video playback, pressing SUBTITLE button can switch on or off subtitle languages.(depend on the current playing media)

For VCD/CD/MP3/WMA/MPEG4/image, SUBTITLE button is disabled.

16. ANGLE button
During Digital Video playback, pressing ANGLE button can play in different angle. (depend on the current playing media)

For VCD/CD/MP3/WMA/MPEG4/image, ANGLE button is disabled.

17. SETUP button

SETUP button can enter Media Setup Menu for setting up all media parameter values.

Press SETUP button to display Media Setup Menu(the defaulted page is SYSTEM SETUP);

Media Setup Menu has 4 pages in all. When highlighting a page, press > or < button to highlight the other page;

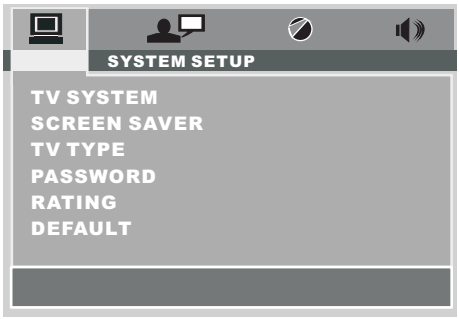
After selecting a page, Press ^ or v button to highlight a setup item in the selected page;

After selecting a setup item, press > button to enter the setup item, then press v or ^ button to select a desired value, finally press ENTER button to confirm it.

After finishing setting, press SETUP button to exit Media Setup Menu to normal playback.

The 4 pages descriped as bellows:

1) SYSTEM SETUP



TV SYSTEM

This setup item is for setting up video system. There are NTSC, PAL and AUTO in all.

If you set a non-matched video system for playing video, the playing video will display white-black or flash.

SCREEN SAVER

This setup item is for switching on or off screen saver.

TV TYPE

This setup item is for setting up video display size.

(1) 4:3 PS: Choose the item when connecting a monitor with 4:3 screen. When playing video with 16:9 size, the left and right part of video will be cut out, and display in full screen.

(2) 4:3 LB: Choose the item when connecting a monitor with 4:3 screen. When playing video with 16:9 size, the top and bottom part of the monitor screen will be turned into a black square respectively.

(3) 16:9: Choose the item when connecting a monitor with 16:9 wide screen.

PASSWORD

This setup item is for locking or unlocking parental control. The defaulted mode is locked. The defaulted unlocking password is 0000.

To lock or unlock parental control:

(1) Highlight PASSWORD item and then press > or ENTER button to enter it;
(2) Input password 0000;
(3) Press ENTER button to confirm, then it will unlock or lock parental control.

Before the other persons see the User Manual, you should get the password in mind and cut out the part of PASSWORD in the User Manual.

RATING

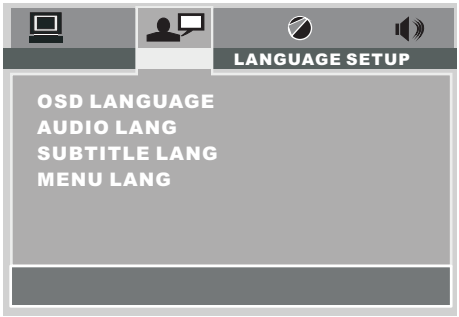
This setup item is for setting a new rating level of parental control.

(1) First highlight PASSWORD item to see whether parental control is locked or not. If it is in lock mode, unlock parental control refer to PASSWORD part above.
(2) Highlight RATING item and then press > button to enter it, then use ^ or v button to select your desired rating level, and then press ENTER button to confirm.
(3) Highlight PASSWORD item again and then press > or ENTER button to enter it, then input password 0000, and then press ENTER button to lock parental control again.

DEFAULT

This setup item is for making all parameter values change back to defaulted factory values.

2) LANGUAGE SETUP



OSD LANGUAGE
This item is for selecting a type of language of all words displayed on screen except subtitle language and menu language(depend on current playing media).

AUDIO LANG
This item is for selecting a type of audio language(depend on current playing media).

SUBTITLE LANG
This item is for selecting a type of subtitle language(depend on current playing media).

MENU LANG
This item is for selecting a type of menu language(depend on current playing media).

3) VIDEO SETUP

BRIGHTNESS
It is for adjusting brightness of video output.

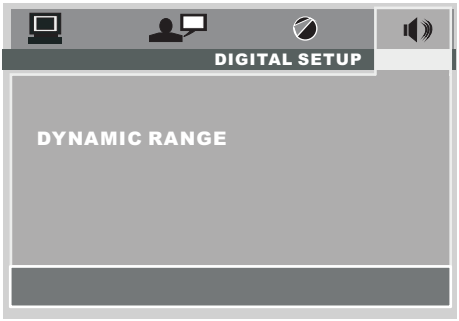
CONTRAST
It is for adjusting contrast of video output.

HUE
It is for adjusting hue of video output.

SATURATION
It is for adjusting saturation of video output.

SHARPNESS
It is for adjusting sharpness of video output.

4) DIGITAL SETUP



DYNAMIC RANGE
This item is for adjusting linear compression ratio. If you set it to be FULL, Peak-to-Peak value of audio signal is minimum; if you set it to be OFF, Peak-to -Peak value is maximum.

* Region Code

Q: Can not play but display REGION ERROR after inserting a disc into disc slot. Why ?

A: Because the car A/V system and the used disc has their respective region codes. If the region codes of them are not match with each other, the car A/V system can not play the disc.

Appendix: Region code of Digital Video

Motion Picture Association of America (MPAA) divided world into 6 regions, and named every region a region code for locking and unlocking Digital Video playback.

Basically, a coded Digital Video player can play only the discs its region code is same as one of the Digital Video player. Otherwise, it can not play the disc.

But note that only the Digital Video discs and Digital Video player produced by the 8 biggest film-making companies of America restrict so, they are not one of original Digital Video format. That is to say, the Digital Video discs and Digital Video player not produced by the 8 biggest film-making companies of America were not restricted by the rule of region code. Generally, they are called one of Free Region Code or Full Region Code.

The problems caused by area code inconsistency pushed for production of unlock-version Digital Video player and recodable Digital Video player .

Region codes and the countries or areas represented by region codes as follows:

Region 1: America, Canada, East-Pacific Inlands;
Region 2: Japan, West Europe, North Europe, Egypt, South Africa, Middle East;
Region 3: South-east Asian countries include Taiwan, Hong Kong, South Korea, Thailand, indonesia, etc.;
Region 4: Australia, New Zealand, Central South America, South Pacific Inlands;
Region 5: Russia, Mongolia, Indian Peninsula, Middle Asia, East Europe, North Korea, North Africa, North-west Asia etc.;
Region 6: China mainland.

The 8 biggest filmmaking companies of America are as follows:

1. WarnerBros;
2. Columbia;
3. 20thCenturyFOX;
4. Paramount;
5. Universal;
6. UA(UnitedArtist);
7. MGM(MetroDogwynMayer);
8. WaltDisney

* Parental Control

Q: After inserting a Digital Video disc into disc slot, it will pop up a dialogue box that ask you to input a password . Why ?

A: This is because the playing disc is locked by rating level of parental control. If the current rating level of parental control of Digital Video player is lower than one of current disc, you must input a right password of parental control to unlock parental control and enter rating level and set an equal or higher rating level than one of current disc. So that you can play the disc.

* For factory preset password of parental control of Digital Video player, please see the item of SETUP button.

Appendix: Parental Control

Parental Control function of a Digital Video player can control playback of movie rated in a disc. You can set the Digital Video player to be a certain rating level of parental control with Media Setup Menu. If the rating level of parental control of a disc is higher than one of the Digital Video player, the Digital Video player can not play the disc.

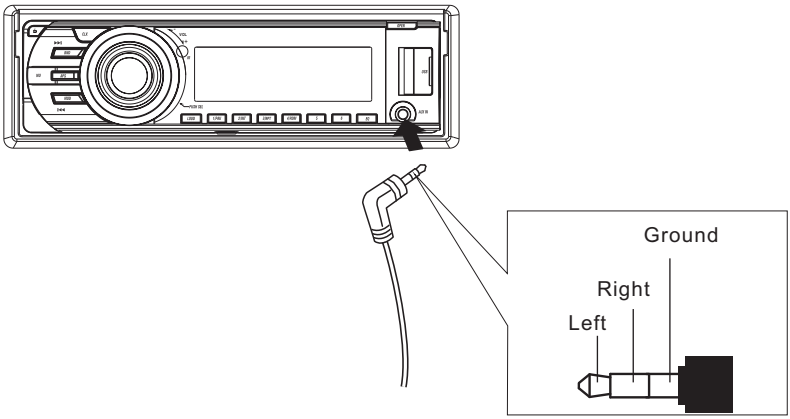
The Digital Video movie can be designed as that Digital Video player can play different version of content of a same movie according to the different rating level of parental control. Depend on Digital Video feature of seamless switching described above, the scenes that are not fitting for children will be cleared or replaced by the other fitting scene automatically.

All rating levels of Parental Control are as follows:

1 Kid Safe
2 G
3 PG
4 PG 13
5 PG R
6 R
7 NC 17
8 Adult

7. AUX IN Operation

1. Use an audio cable to make the car A/V system and the other audio system connected through the AUX IN jack on control panel of the car A/V system and the Audio Out jack of the other audio system, then play the other audio system, and then use MODE button to enter AV IN mode.



* In AV IN mode, the other audio system use the car A/V system as an amplifier.

2. In AV IN mode, you can use SEL, VOL+, VOL-, VOL(knob), MUTE, LOUD and EQ buttons to adjust sound.

8. Trouble Shooting

Please read the user manual carefully before using the car A/V system. If you have any troubles in using this car A/V system, try to solve the problems by the suggestions mentioned below. If you can not remove the trouble after using all the suggestions, please contact the company or the technical service center authorized by us.

NO PICTURE, SOUND AND INDICATION

* Ensure that the power switch is on.
* Ensure that the power cord is not damaged or the fuse is not blown.

NO SOUND BUT HAVE PICTURE

* Ensure that the player's audio output has a good connection with the used speaker's audio input.
* Check whether the audio connector is damaged.
* Check whether you have turned down the volume.
* Ensure that you have set right value of AUDIO item.
* Ensure that the audio is not in MUTE mode.

NO PICTURE BUT HAVE SOUND

* Ensure that you have set right value of VIDEO item.

BLACK AND WHITE PICTURE OR SCREEN ROLLING

* Ensure that you have set right mode of video system (e.g. PAL, NTSC).

FLAWS OF PICTURE OR SOUND

* Check whether AUDIO setting value is right.
* Check whether disc is scratched or stained.
* Check whether AV connector and output terminal is stained.
* Check whether there is condensation inside Lens. If so, leave the player off for an hour or so, then try again.

DISPLAY NO DISC OR BAD DISC

* Ensure that you have insert a disc into disc slot.
* Check whether disc is inserted with label side upwards.
* Check whether disc is bend.
* Check whether disc is stained or scratched badly.
* Ensure that disc format is compatible to the player.
* Ensure that temperature inside the car is not too high. If so, cool off till the ambient temperature returns to normal.
* Replace another disc to insert it into disc slot.

REMOTE CONTROL IS INSENSITIVE OR DOES NOT WORK

* Check lithium cell of remote control is powerful and good conductivity.
* Direct IR emitting window of remote control to IR sensor of main unit.
* Check whether there are some obstacles between remote control and main unit.

SOME FUNCTION BUTTONS DO NOT WORK

* Turn off ACC power, then turn on again.
* Reset unit to zero, then turn on again.
* Remove control panel from chassis, then attach it onto chassis again and then turn on again.

RADIO DOES NOT WORK

* Check whether antenna cable is connected firmly. Or manually tune for a station.

9. Specification

General

Power Supply Requirement.....DC 12V
Current consumption.....15A MAX.
Maximum Power Output.....4 x 25W(measured at DC 14.4 V)
Dimensions(w x h x d).....178 x 50 x 155mm

DISC/USB/Card

Format.....DIGITAL VIDEO/MPEG4/VCD/IMAGE/MP3/WMA/CD

Video

Video System.....NTSC/PAL/AUTO
Video Type.....16:9 and 4:3
Video Output level.....Composite:1.0 0.2Vp-p
Load impedance: 75 ohms
Horizontal Resolution.....500

Audio

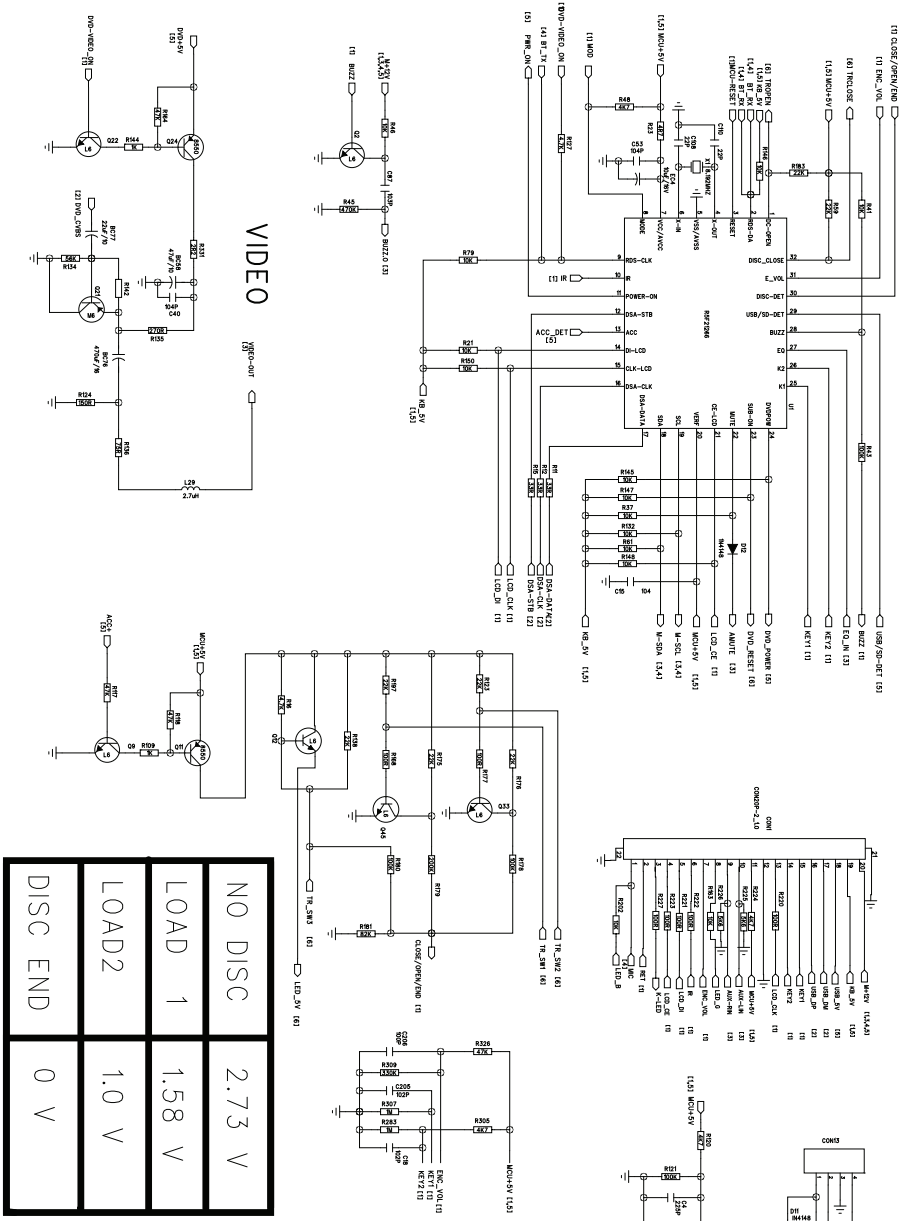
Audio System.....24 bit/96KHz
Audio Output(Analog audio).....$2.0^{+0}_{-1.0}$Vrms
Frequency Response.....20Hz ~ 20KHz(at 1KHz 0 dB)
S/N Ratio(Audio).....$\geqslant$90dB(at 1KHz 0 dB)
Separation.....50dB

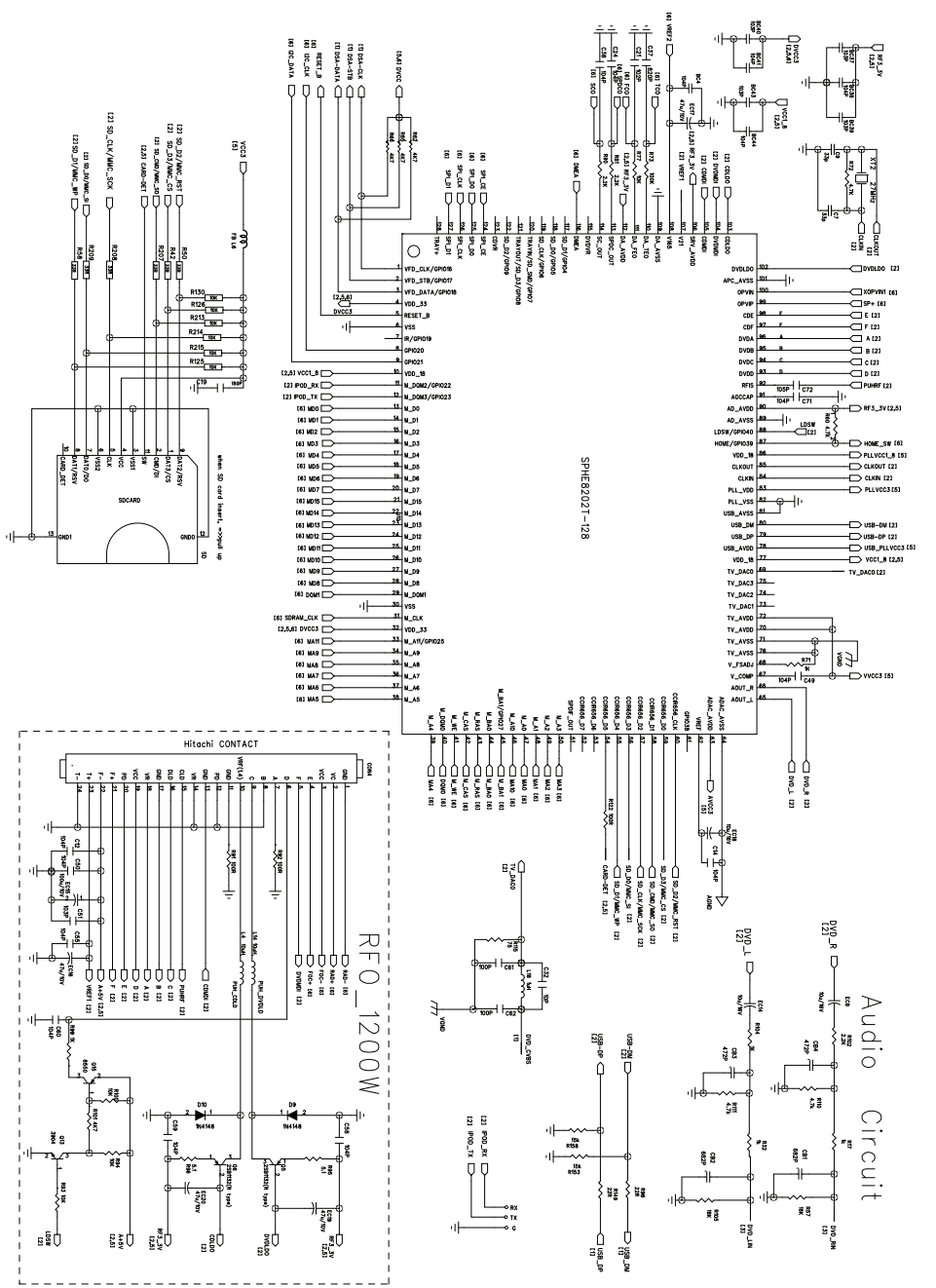
Radio

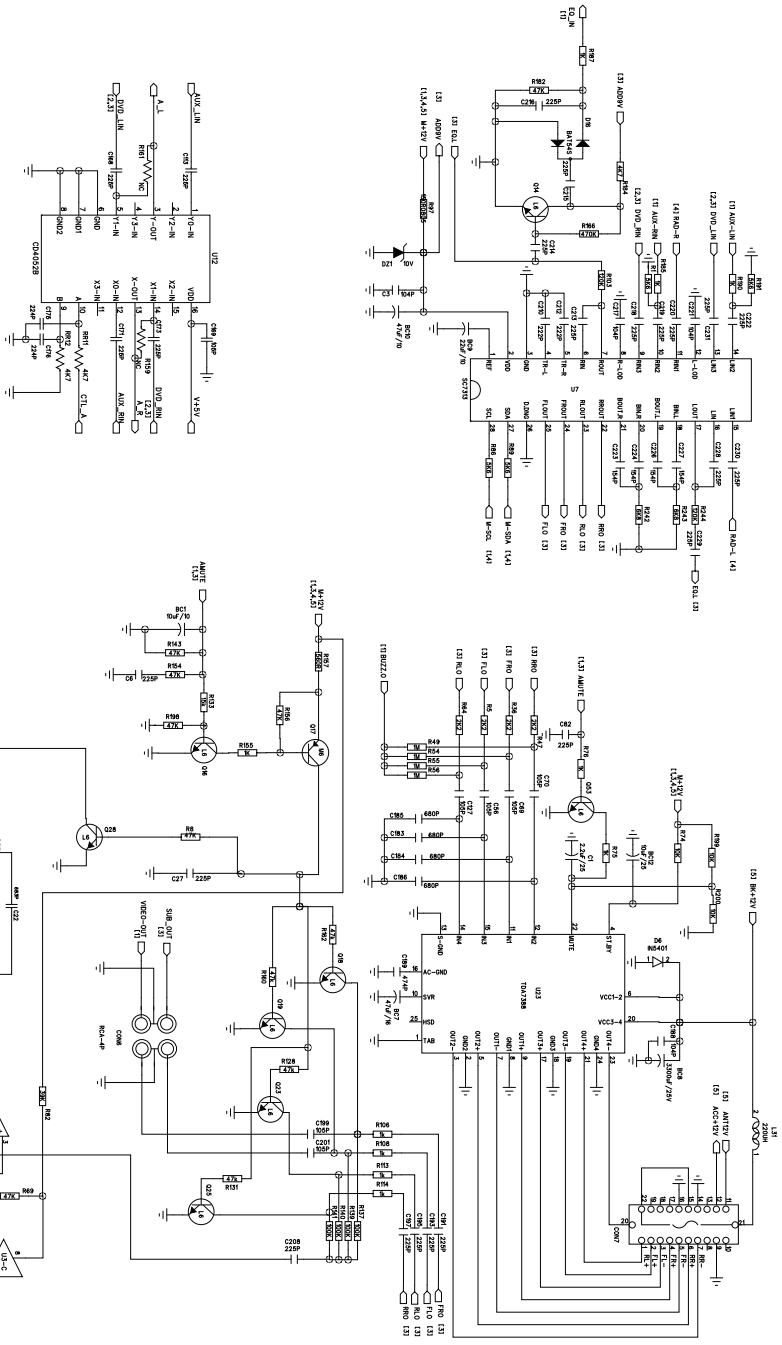
FM Section
Frequency range.....87.5MHz - 107.9MHz
Usable sensitivity.....15dBu
I.F Frequency.....10.7MHz

AM Section
Frequency.....530KHz - 1710KHz
Usable sensitivity.....40dBu
I.F Frequency.....450KHz

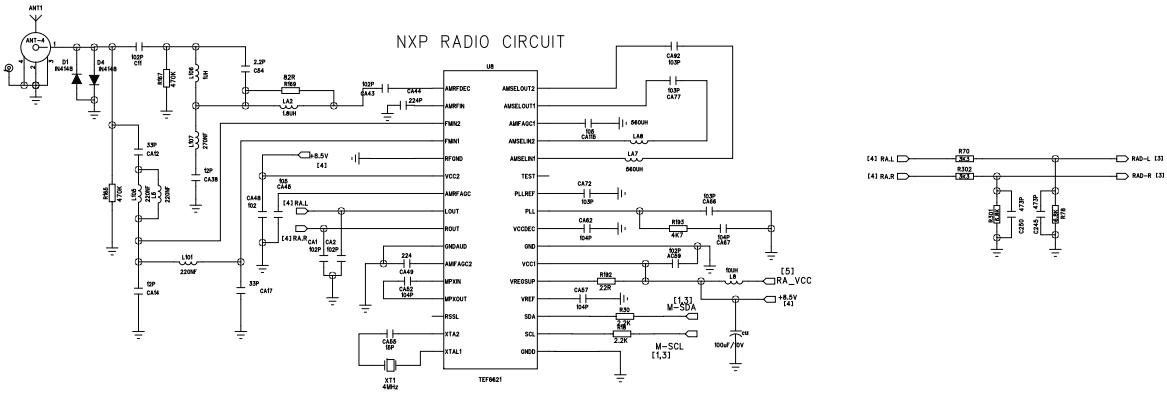
10. Schematic diagram



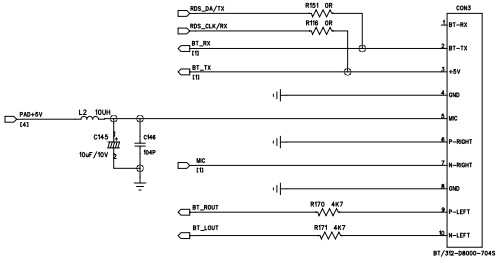

SPHE8202T-I28
Audio Circuit
RF0_1200W
Hitachi CONTACT
SDCARD
when SD card insert, >5Vpull up

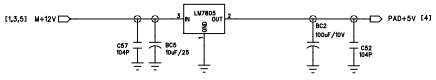


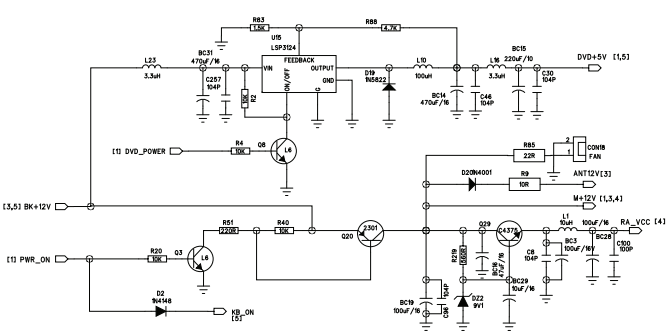
NXP RADIO CIRCUIT

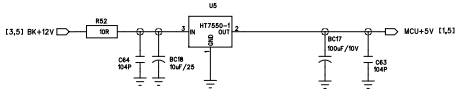


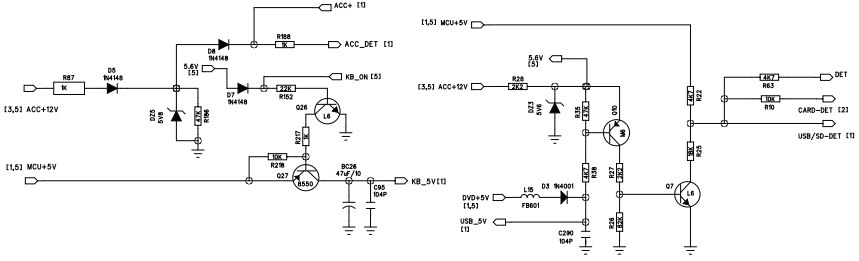
BT Circuit

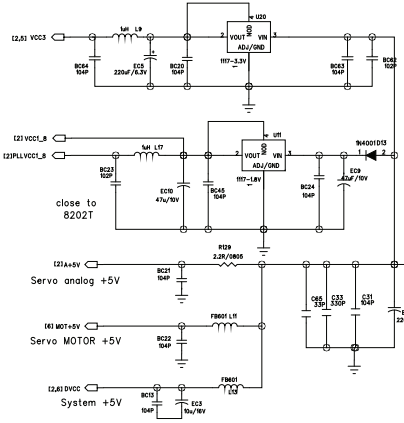


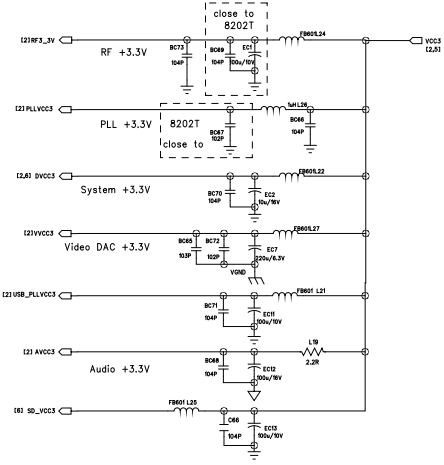



U15
LSP3124
FEEDBACK
VIN
ON/OFF
OUTPUT
GND
R83
4.7K
R88
4.7K
L23
3.3uH
BC31
470uF/16
C257
104P
D19
1N5822
L10
100uH
L16
3.3uH
BC15
220uF/10
C30
104P
BC14
470uF/16
C46
104P
DVD+5V [1,5]
[1] DVD_POWER
R4
10K
Q6
L6
CON18
FAN
R85
22R
D20
1N4001
R9
10R
ANT12V[3]
M+12V [1,3,4]
[3,5] BK+12V
R51
220R
R40
10K
Q20
2301
Q29
A473
L1
10uH
BC3
100uF/16V
BC28
RA_VCC [4]
CB0
102P
[1] PWR_ON
R20
10K
Q3
L6
D2
1N4148
KB_ON
[5]
R219
100R
R218
100R
BC29
10uF/16
BC19
100uF/16
C8
104P
D22
9V1

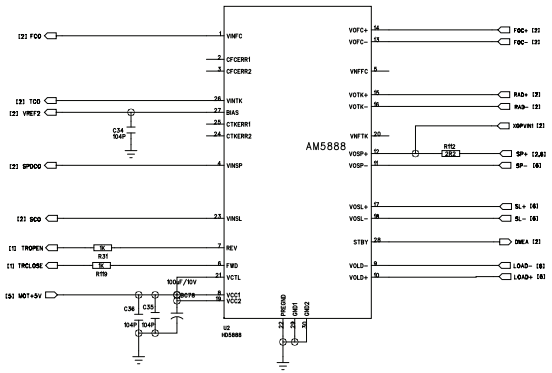

U5
H7550-1
IN
OUT
GND
[3,5] BK+12V
R52
10R
C64
104P
BC18
10uF/25
BC17
100uF/10V
C63
104P
MCU+5V [1,5]


ACC+ [1]
R188
1K
ACC_DET [1]
KB_ON [5]
R87
1K
D5
1N4148
5.6V
[5]
D8
1N4148
D7
1N4148
R152
22K
Q26
L6
[3,5] ACC+12V
D25
R186
R217
1K
R218
10K
Q27
8550
BC26
47uF/10
C95
104P
KB_5V[1]
[1,5] MCU+5V
5.6V
[5]
R28
2K2
D23
R35
4.7K
D24
R36
4.7K
[3,5] ACC+12V
L15
FB601
D3
1N4001
DVD+5V
[1,5]
USB_5V
[1]
C290
104P
R27
2K2
R26
10K
Q7
L6
R67
R22
4K7
R63
10K
R10
DET
CARD-DET [2]
USB/SD-DET [1]
R25
10K

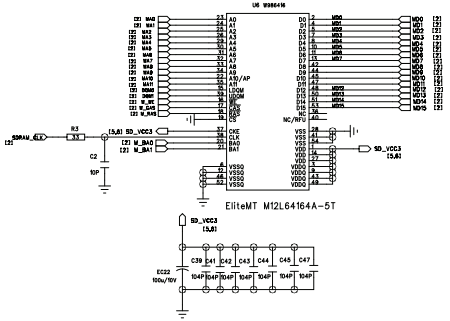

[2,5] VCC3
1uH L9
U20
VOUT
VIN
ADJ/GND
1117-3.3V
BC64
104P
EC5
220uF/6.3V
BC30
104P
BC63
104P
BC62
104P
[2] VCC1_8
[2]PLLVCC1_8
5uH L17
U11
VOUT
VIN
ADJ/GND
1117-1.8V
9N4001D3
BC23
102P
EC10
47u/10V
BC45
104P
BC24
104P
EC9
47uF/10V
close to
8202T
[2]A+5V
Servo analog +5V
R129
2.2R/0805
DVD+5V
[1,5]
BC21
104P
C60
33P
C33
330P
C31
104P
EC24
220u/10V
[6] MOT+5V
Servo MOTOR +5V
FB601 L11
BC22
104P
[2,6] DVCC
System +5V
BC13
104P
FB601
L12
EC3
10u/16V


close to
8202T
[2]RF3_3V
RF +3.3V
BC73
104P
BC69
104P
EC1
100u/10V
FB605_24
VCC3
[2,5]
[2]PLLVCC3
PLL +3.3V
8202T
close to
BC67
102P
5uH L26
BC66
104P
[2,6] DVCC3
System +3.3V
FB605_22
BC70
104P
EC2
10u/16V
[2]VCC3
Video DAC +3.3V
FB605_27
BC65
103P
BC72
102P
EC7
220u/6.3V
VGND
[2] USB_PLLVCC3
FB601 L21
BC71
104P
EC11
100u/10V
[2] AVCC3
Audio +3.3V
L19
2.2R
BC68
104P
EC12
100u/10V
[6] SD_VCC3
FB601 L25
C66
104P
EC13
100u/10V

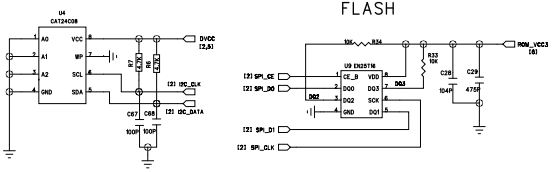
SERVO

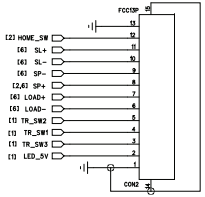


SDROM



FLASH





RESET